



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hargreaves

Attorney Docket No.: STFUP142

Application No.: 10/731,799

Examiner: Unknown

Filed: December 8, 2003

Group: 3736

Title: MULTI-COMPARTMENT SEPARATION
IN MAGNETIC RESONANCE USING
TRANSIENT STEADY-STATE FREE
PRECESSION IMAGING

Confirmation No.: 4317

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 5, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____


Laura M. Dean

**INFORMATION DISCLOSURE STATEMENT
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure

Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. STFUP131).

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, reading "Henry K. Woodward". The signature is written in a cursive style with a large, stylized "H" and "W".

Henry K. Woodward

Registration No. 22,672

P.O. Box 778
Berkeley, CA 94704-0778
(650) 961-8300



Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. STFUP142 Applicant: Hargreaves Filing Date December 8, 2003	Application No.: 10/731,799 Group 3736
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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
							Yes	No

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	A	Hargreaves, Brian A. and Nishimura, Dwight G., "Relaxometry using Transient Steady-State Free Precession Imaging", International Society for Magnetic Resonance in Medicine, 11 th Annual Meeting, Poster #1100, July 10, 2003, 1 page.
	B	Harrison et al., "Magnetization Transfer and T ₂ Relaxation Components in Tissue", MRM, December 24, 1994, Volume 33, pp 490-496.
	C	Whithall, Kenneth P. and MacKay, Alexander L., "Quantitative Interpretation of NMR Relaxation Data", Journal of Magnetic Resonance, November 22, 1988, Volume 84, pp134-152.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.